

4-004.02 SANTA CLARA RIVER VALLEY - OXNARD

Basin Boundaries

Summary

The Oxnard subbasin is located in southern Ventura County. The northern boundary of the subbasin adjoins the Mound and Santa Paula groundwater subbasins and is defined by the Oak Ridge fault. The eastern boundary of the subbasin is shared with the Las Posas Valley and Pleasant Valley groundwater subbasins. The subbasin is bound on the south by semi-permeable rocks of the Santa Monica Mountains and bound on the west by the Pacific Ocean. The boundary is defined by six (6) segments detailed in the descriptions below.

Segment Descriptions

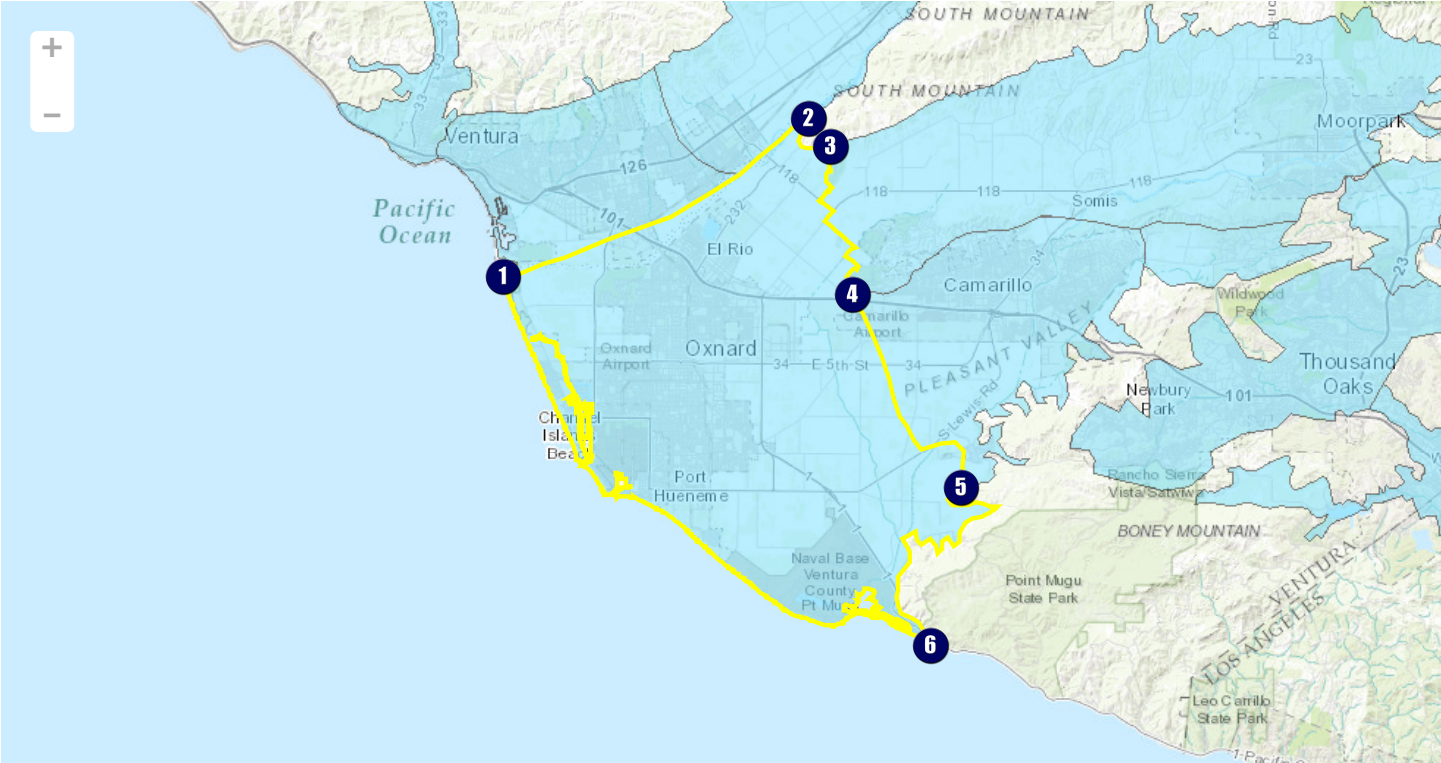
<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	I Fault	Begins from point (1) and follows the Oak Ridge Fault to point (2).	{a}
2-3	E Property	Continues from point (2) and follows parcel lines to point (3).	{b}
3-4	I Property	Continues from point (3) and follows parcel lines to point (4).	{b}
4-5	I Non-Alluvial	Continues from point (4) and crosses the Quaternary alluvium to point (5).	{c}
5-6	E Alluvial	Continues from point (5) and generally follows the contact of Quaternary alluvium with Conejo Volcanics and Lower Topanga Formation to point (6).	{a}
6-1	E Ocean	Continues from point (6) and follows the coastline of the Pacific Ocean to end at point (1).	{d}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	34.229916148	-119.263912428	
2	34.291301958	-119.120196874	
3	34.28088987	-119.109830326	
4	34.223266492	-119.100128913	
5	34.14816428	-119.048955984	
6	34.086988051	-119.063411112	

Map

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<http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=4-04.02>

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Atlas of California Map No. 008, Los Angeles Sheet, , 1:250,000, Charles W. Jennings and Rudolph G. Strand. URL: http://www.quake.ca.gov/gmaps/GAM/losangeles/losangeles.html	1969	33
{b}	BBMRS	varies	45
{c}	Ventura County Public Works, Compilation of Technical Information Records for the Ventura County Cooperative Investigation, Volume 1, J.M. Turner. http://www.unitedwater.org/images/stories/Resource-Conservation/GW-Management/Groundwater-Hearing/Exhibits/U17%20-%20Aquifer%20Delineation%20in%20the%20Oxnard%20Calleguas%20Area,%201975.pdf	1975	74
{d}	California Department of Forestry and Fire Protection (Cal Fire), California Counties and Paired Dataset (cnty15_1). URL: http://frap.fire.ca.gov/data/frapgisdata-subset	2/14/15	2

Footnotes

I: Internal

E: External